

CLAIMS:

1. A method of construction for concrete beams or walls comprising the steps of;
 - 5 (a) setting rows of a plurality of boxing modules in an end to end relationship to create a formwork,
 - (b) fastening abutting ends of the modules, and
 - (c) spacing the formwork by a plurality of spacers which span between the module panels and are fixed by bolts, or push-in ties,
 - (d) bracing and straightening the formwork as required,
 - 10 (e) setting reinforcing between the formwork as required, and
 - (f) pouring concrete into the formwork.
2. A method as claimed in claim 1 wherein the spacers may be hollow tubular members or push-in ties.
3. A method as claimed in claim 1 wherein the boxing modules are
15 joined utilising slots in side and end walls of the modules.
4. A method as claimed in claim 1 wherein the quick release clamping devices are used to join the side and end walls of the modules.
5. A method as claimed in claim 1 wherein the quick release clamping device is a wedge.
- 20 6. A method as claimed in claim 1 wherein the quick release clamping device is a strap which joins respective ends of the modules and sets the spacings between the modules.
7. A method as claimed in claim 1 wherein the individual modules comprise a rectilinear front face, a peripheral border wall extending from the front face, two spaced pairs of bolt sockets in major surfaces of the modules
25 and a plurality of opposed slots in the peripheral border walls of the modules.
8. A method as claimed in claim 1 wherein some of the panels of the formwork are joined and others are not.
9. A method as claimed in claim 1 wherein the inner walls of the
30 modules or panels are used to create designs or patterns in a formed wall.
10. A method as claimed in claim 1 wherein the formwork is reinforced by elongate straps or beams.

11. A method as claimed in claim 10 wherein elements of the straps or beams are adjustable to increase the strength of same.
12. A method as claimed in claim 1 wherein the modules are joined together in a staggered formation.
- 5 13. A method of creating a formwork for a horizontal column from a plurality of modules, supporting the formwork from a surface below and integrating the columns with a floor slab.
14. A formwork comprising a plurality of joined boxing modules in an end to end relationship wherein each boxing module has front and rear faces and a continuous peripheral flange about the rear face said flanges having
10 openings therein so that the boxing modules can be united via the flanges using quick release clamping devices.
15. A formwork as claimed in claim 14 wherein the joined boxing modules are made parallel by a plurality of spacers spanning between the
15 modules.
16. A formwork as claimed in claim 14 wherein the quick release clamping devices are wedges.
17. A formwork as claimed in claim 14 wherein the quick release clamping devices are straps.
- 20 18. A formwork as claimed in claim 14 wherein the formwork is braced and stiffened by elongate braces.
19. A formwork as claimed in claim 18 wherein the braces are vertical, horizontal or angular.
20. A formwork as claimed in claim 14 wherein the boxing modules
25 are rota-moulded.
21. A formwork as claimed in claim 20 wherein two modules are formed together with rota-moulding and then separated on removal from a mould.
22. A formwork as claimed in claim 20 wherein the modules are
30 provided with integral or external stiffening members.
23. A formwork as claimed in claim 14 including vertical and horizontal reinforcing bars which extend from the ends and top and bottom

surfaces of the formwork.

24. A method of construction substantially as herein described with reference to the accompanying drawings.

25. A formwork substantially as herein described with reference to
5 the accompanying drawings.